

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A driving device of an electric car having four or more wheels, all wheels having driving motors capable of driving and regenerative braking, placed therein, wherein a single controller is connected to the driving motors via corresponding inverters, the controller being further connected to a right front wheel stroke sensor, a left front wheel stroke sensor, a right rear wheel stroke sensor, a left rear wheel stroke sensor, a steering angle sensor, and a longitudinal deceleration sensor, a plurality of the wheels are selected so as to serve as drive wheels or regenerative brake wheels in accordance with traveling circumstances of the car, and wherein all wheels are selected so as to serve as the regenerative brake wheels upon braking and the rear wheels or a group of the rear wheels are selected so as to serve as the drive wheels upon traveling on a level road and an upslope, and the front wheels or a group of the front wheels are selected so as to serve as the drive wheels upon traveling on a downslope.

2. (Canceled)

3. (Previously Presented) The driving device of an electric car according to claim 1, wherein the radially outer wheels are selected so as to serve as the drive wheels upon turning.

4. (Canceled)

5. (Currently Amended) A driving device of an electric car having four or more wheels, all wheels having driving motors capable of driving and regenerative braking, placed therein, wherein a single controller is connected to the driving motors via corresponding inverters, the controller being further connected to a right front

wheel stroke sensor, a left front wheel stroke sensor, a right rear wheel stroke sensor, a left rear wheel stroke sensor, a steering angle sensor, and a longitudinal deceleration sensor. a plurality of the wheels are selected so as to serve as drive wheels or regenerative brake wheels in accordance with traveling circumstances of the car, and wherein the radially outer wheels are selected so as to serve as the drive wheels and the radially inner wheels are selected so as to serve as the regenerative brake wheels upon turning.

6. (Currently Amended) A driving device of an electric car having four or more wheels, all wheels having driving motors capable of driving and regenerative braking, placed therein, wherein a single controller is connected to the driving motors via corresponding inverters, the controller being further connected to a right front wheel stroke sensor, a left front wheel stroke sensor, a right rear wheel stroke sensor, a left rear wheel stroke sensor, a steering angle sensor, and a longitudinal deceleration sensor. a plurality of the wheels are selected so as to serve as drive wheels or regenerative brake wheels in accordance with traveling circumstances of the car, and wherein strokes of suspensions are used as determining information of the traveling circumstances for selecting the drive wheels.

7. (Canceled)

8. (Previously Presented) The driving device of an electric car according to claim 6, wherein, upon traveling on a level road and an upslope, the rear wheels or a group of the rear wheels are selected so as to serve as the drive wheels, and, upon traveling on a downslope, the front wheels or a group of the front wheels are selected so as to serve as the drive wheels.